

TRANSMITTAL  
FORM

(to be used for all correspondence after initial filing)

Application Number 09/903,982  
 Filing Date July 11, 2001  
 First Named Inventor Hose, David A.  
 Art Unit 2683  
 Examiner Name Stephen M. D'Agosta  
 Attorney Docket Number 022395-440700US

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SEP 30 2004

Technology Center 2600

Total Number of Pages in This Submission

26

## ENCLOSURES (Check all that apply)

☒ PTO/SB/17 Fee Transmittal (1pg submitted in duplicate)

☐ Fee Attached

☒ Amendment/Reply (22pgs)

☐ After Final

☐ Affidavits/declaration(s)

☐ Extension of Time Request

☐ Express Abandonment Request

☐ Information Disclosure Statement

☐ Certified Copy of Priority Document(s)

☐ Response to Missing Parts/Incomplete Application

☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

☐ Drawing(s)

☐ Licensing-related Papers

☐ Petition

☐ Petition to Convert to a Provisional Application

☐ Power of Attorney, Revocation Change of Correspondence Address

☐ Terminal Disclaimer

☐ Request for Refund

☐ CD, Number of CD(s)

☐ After Allowance Communication to Technology Center (TC)

☐ Appeal Communication to Board of Appeals and Interferences

☐ Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

☒ Other Enclosure(s) (please identify below):

 this PTO/SB/21 Transmittal Form (1pg)  
 Return Postcard

Remarks

The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm  
or  
Individual name

Townsend and Townsend and Crew LLP

Signature

Melvin D. Chan

Reg. No. 39,626

Date

September 22, 2004

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

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DJ Bogorodsky

Signature

Date

September 22, 2004

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 212

## Complete if Known

Application Number 09/903,982  
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 First Named Inventor Hose, David A.  
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## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:
Deposit  
Account  
Number

20-1430

Deposit  
Account  
Name

Townsend and Townsend and Crew LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee  
to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)

(\$ )

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims		Fee from below		Fee Paid
Total Claims						
27	-20** =	7	X\$18			\$126
Independent Claims						
4	-3** =	1	X\$86			\$86
Multiple Dependent						
			X			

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$ ) 212

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Petitions related to provisional applications	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid SUBTOTAL (3)

(\$ )

## SUBMITTED BY

## Complete (if applicable)

Name (Print/Type) Melvin D. Chan Registration No. (Attorney/Agent) 39,626 Telephone 650-326-2400  
 Signature [Signature] Date September 22, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.



I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Mail Stop: Amendment  
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P.O. Box 1450  
Alexandria, VA 22313-1450

On

22 Sept. '04

TOWNSEND and TOWNSEND and CREW LLP

By:

[Signature]

PATENT  
Attorney Docket No.: 22395-440700US  
Client Ref. No.: OPWV-4407

**RECEIVED**

SEP 30 2004

Technology Center 2600

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

DAVID A. HOSE et al.

Application No.: 09/903,982

Filed: July 11, 2001

For: MONITORING BOUNDARY  
CROSSINGS IN A WIRELESS  
NETWORK

Customer No.: 46670

Confirmation No. 9414

Examiner: Stephen M. D'Agosta

Technology Center/Art Unit: 2683

AMENDMENT

Mail Stop: Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed June 23, 2004, please enter the following amendments and remarks:

**Amendments to the Specification** begin on page 3 of this paper.

**Amendments to the Abstract** begin on page 6 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 7 of this paper.

09/28/2004 LWDNDIM1 00000004 201430 09903982

01 FC:1202 126.00 DA  
02 FC:1201 86.00 DA

Appl. No. 09/903,982  
Amdt. dated 9/22/2004  
Reply to Office Action of June 23, 2004

PATENT

**Amendments to the Drawings** begin on page 15 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

**Remarks/Arguments** begin on page 16 of this paper.

An **Appendix** including amended drawing figures is attached following page 20 of this paper.